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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/656,497	09/05/2003	Mansoor Ali Khan Alicherry	7-7-6-22	8348

7590 03/20/2008
Ryan, Mason & Lewis, LLP
90 Forest Avenue
Locust Valley, NY 11560

EXAMINER

PHAN, MAN U

ART UNIT	PAPER NUMBER
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2619

MAIL DATE	DELIVERY MODE
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03/20/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Advisory Action

1. The affidavit, exhibit or request for reconsideration has been considered but does not place the application in condition for allowance because:

Applicant's arguments are not persuasive. It's the examiner's position that the reference is applied herein for the teaching of a novel method and system for determining a route for a demand in a network routing. As presented in the last office action, the Applicant's attention is directed to Fig. 2 of Gunluk (US#7,023,806) for a method flow diagram 200 in network routing demands, in which the method 200 begins with obtaining the input demand and network data described above (step 202). The network data described above is processed to construct a representation of the network and relevant data structures are populated (step 204). Demands T are then individually routed (decision 206). If a demand T.sub.j has already been routed on route R.sub.j and is required to be diverse from T.sub.i, i.e., T.sub.j is included in D.sub.i, the links of R.sub.j should be marked or identified in some manner (step 208). Demand T.sub.i is then routed on route R.sub.i using a shortest path algorithm (step 210). Route R.sub.i is stored (step 212). The network representation originally stored in step 204 is then updated to reduce the link capacities used in route R.sub.i (step 214). This process is repeated until there are no more demands T.sub.i (decision 206). The initial cost of the solution for all demands is computed (step 216). A "specialized" shortest path algorithm is provided to find the shortest path for each demand T.sub.i that will increase the overall cost least, while maintaining the other routes fixed. This specialized shortest path algorithm is referred to as the Constrained Diverse Shortest Path Method (CDSPM) and is set forth in detail in Fig. 3. The shortest route R.sub.i' from origination node A.sub.i to termination node Z.sub.i is determined using a known shortest path algorithm to

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route demand T.sub.i (step 308). Once route R.sub.i' is established, the diversity requirements and OT constraints are checked to see if route R.sub.i' violates them (decision 310). If route R.sub.i' does not violate them, then the route is acceptable and is provided to the routing method of Fig. 2, e.g., at step 226 (step 312). CDSPM is complete (Col. 8, lines 34 plus).

Examiner maintains that the references cited and applied in the last office actions for the rejection of the claims 1-26 are maintained in this office action. The final rejection mailed on December 07, 2007 is therefore maintained.

Mphan.

03/13/2008

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Primary Examiner, Art Unit 2619